

Agricultural Waste Management

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Wayne County, Iowa

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
AaC: Adair-----	100	Very limited Restricted permeability Depth to saturated zone (NOV-JUL)	1.00 1.00	Very limited Restricted permeability Depth to saturated zone (NOV-JUL)	1.00 1.00	Very limited Restricted permeability Depth to saturated zone (NOV-JUL) Too steep for surface application Too steep for sprinkler application	1.00 1.00 0.92 0.02
AaC2: Adair-----	100	Very limited Restricted permeability Depth to saturated zone (NOV-JUL)	1.00 1.00	Very limited Restricted permeability Depth to saturated zone (NOV-JUL)	1.00 1.00	Very limited Restricted permeability Depth to saturated zone (NOV-JUL) Too steep for surface application Too steep for sprinkler application	1.00 1.00 0.92 0.02
AaD: Adair-----	100	Very limited Restricted permeability Depth to saturated zone (NOV-JUL) Slope	1.00 1.00 0.63	Very limited Restricted permeability Depth to saturated zone (NOV-JUL) Slope	1.00 1.00 0.63	Very limited Too steep for surface application Restricted permeability Depth to saturated zone (NOV-JUL) Too steep for sprinkler application	1.00 1.00 1.00 0.78
AaD2: Adair-----	100	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited Too steep for surface application	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
AdC3: Adair-----	100	Depth to saturated zone (NOV-JUL)	1.00	Depth to saturated zone (NOV-JUL)	1.00	Restricted permeability	1.00
		Slope	0.63	Slope	0.63	Depth to saturated zone (NOV-JUL)	1.00
						Too steep for sprinkler application	0.78
		Very limited		Very limited		Very limited	
		Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Depth to saturated zone (NOV-JUL)	1.00	Depth to saturated zone (NOV-JUL)	1.00	Depth to saturated zone (NOV-JUL)	1.00
						Too steep for surface application	0.92
						Too steep for sprinkler application	0.02
AdD3: Adair-----	100	Very limited		Very limited		Very limited	
		Restricted permeability	1.00	Restricted permeability	1.00	Too steep for surface application	1.00
		Depth to saturated zone (NOV-JUL)	1.00	Depth to saturated zone (NOV-JUL)	1.00	Restricted permeability	1.00
		Slope	0.63	Slope	0.63	Depth to saturated zone (NOV-JUL)	1.00
						Too steep for sprinkler application	0.78
AsD2: Adair-----	55	Very limited		Very limited		Very limited	
		Restricted permeability	1.00	Restricted permeability	1.00	Too steep for surface application	1.00
		Depth to saturated zone (NOV-JUL)	1.00	Depth to saturated zone (NOV-JUL)	1.00	Restricted permeability	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
		Slope	0.63	Slope	0.63	Depth to saturated zone (NOV-JUL)	1.00
						Too steep for sprinkler application	0.78
Shelby-----	35	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Too steep for surface application	1.00
		Restricted permeability	0.30	Restricted permeability	0.22	Too steep for sprinkler application	0.78
		Too acid	0.02	Too acid	0.07	Restricted permeability	0.22
						Too acid	0.07
AsD3: Adair-----	55	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited Too steep for surface application	1.00
		Depth to saturated zone (NOV-JUL)	1.00	Depth to saturated zone (NOV-JUL)	1.00	Restricted permeability	1.00
		Slope	0.63	Slope	0.63	Depth to saturated zone (NOV-JUL)	1.00
						Too steep for sprinkler application	0.78
Shelby-----	35	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Too steep for surface application	1.00
		Restricted permeability	0.30	Restricted permeability	0.22	Too steep for sprinkler application	0.78
		Too acid	0.02	Too acid	0.07	Restricted permeability	0.22
						Too acid	0.07
CaD2: Caleb-----	100	Somewhat limited		Somewhat limited		Very limited	

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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
		Slope	0.63	Slope	0.63	Too steep for surface application	1.00
		Too acid	0.08	Too acid	0.31	Too steep for sprinkler application	0.78
						Too acid	0.31
CaE2: Caleb-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Too steep for surface application	1.00
		Too acid	0.08	Too acid	0.31	Too steep for sprinkler application	1.00
						Too acid	0.31
CbD3: Caleb-----	100	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Too steep for surface application	1.00
		Too acid	0.08	Too acid	0.31	Too steep for sprinkler application	0.78
						Too acid	0.31
CbE3: Caleb-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Too steep for surface application	1.00
		Too acid	0.08	Too acid	0.31	Too steep for sprinkler application	1.00
						Too acid	0.31
Ch: Chequest-----	100	Very limited Depth to saturated zone (NOV-JUL)	1.00	Very limited Depth to saturated zone (NOV-JUL)	1.00	Very limited Depth to saturated zone (NOV-JUL)	1.00
		Flooding	0.60	Flooding	1.00	Flooding	0.60
		Restricted permeability	0.30	Restricted permeability	0.22	Restricted permeability	0.22

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ClC: Clarinda-----	100	Very limited		Very limited		Very limited	
		Restricted	1.00	Restricted	1.00	Restricted	1.00
		permeability		permeability		permeability	
		Depth to	1.00	Depth to	1.00	Depth to	1.00
		saturated zone		saturated zone		saturated zone	
		(NOV-JUL)		(NOV-JUL)		(NOV-JUL)	
		Runoff limitation	0.40	Too acid	0.07	Too steep for	0.92
						surface	
		Too acid	0.02			application	
						Too acid	0.07
						Too steep for	0.02
						sprinkler	
						application	
ClC2: Clarinda-----	100	Very limited		Very limited		Very limited	
		Restricted	1.00	Restricted	1.00	Restricted	1.00
		permeability		permeability		permeability	
		Depth to	1.00	Depth to	1.00	Depth to	1.00
		saturated zone		saturated zone		saturated zone	
		(NOV-JUL)		(NOV-JUL)		(NOV-JUL)	
		Runoff limitation	0.40	Too acid	0.07	Too steep for	0.92
						surface	
		Too acid	0.02			application	
						Too acid	0.07
						Too steep for	0.02
						sprinkler	
						application	
ClD2: Clarinda-----	100	Very limited		Very limited		Very limited	
		Restricted	1.00	Restricted	1.00	Restricted	1.00
		permeability		permeability		permeability	
		Depth to	1.00	Depth to	1.00	Too steep for	1.00
		saturated zone		saturated zone		surface	
		(NOV-JUL)		(NOV-JUL)		application	
		Slope	0.63	Slope	0.63	Depth to	1.00
						saturated zone	
		Runoff limitation	0.40	Too acid	0.07	(NOV-JUL)	
						Too steep for	0.78
		Too acid	0.02			sprinkler	
						application	
						Too acid	0.07
CmC3: Clarinda-----	100	Very limited		Very limited		Very limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Co: Colo-----	100	Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Depth to saturated zone (NOV-JUL)	1.00	Depth to saturated zone (NOV-JUL)	1.00	Too steep for surface application	1.00
		Runoff limitation	0.40	Too acid	0.07	Depth to saturated zone (NOV-JUL)	1.00
		Too acid	0.02			Too steep for sprinkler application	0.10
						Too acid	0.07
		Very limited		Very limited		Very limited	
		Depth to saturated zone (NOV-JUL)	1.00	Depth to saturated zone (NOV-JUL)	1.00	Depth to saturated zone (NOV-JUL)	1.00
		Leaching limitation	0.70	Flooding	1.00	Flooding	0.60
		Flooding	0.60				
CoB: Colo-----	100	Very limited		Very limited		Very limited	
		Depth to saturated zone (NOV-JUL)	1.00	Depth to saturated zone (NOV-JUL)	1.00	Depth to saturated zone (NOV-JUL)	1.00
						Too steep for surface application	0.08
Cz: Colo-----	55	Very limited		Very limited		Very limited	
		Depth to saturated zone (NOV-JUL)	1.00	Depth to saturated zone (NOV-JUL)	1.00	Depth to saturated zone (NOV-JUL)	1.00
		Leaching limitation	0.70	Flooding	1.00	Flooding	0.60
		Flooding	0.60				
Zook-----	35	Very limited		Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone (NOV-JUL)	1.00	Depth to saturated zone (NOV-JUL)	1.00
		Depth to saturated zone (NOV-JUL)	1.00	Flooding	1.00	Restricted permeability	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ed: Edina-----	100	Flooding	0.60	Restricted permeability	1.00	Flooding	0.60
		Leaching limitation	0.50				
		Very limited		Very limited		Very limited	
		Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Depth to saturated zone (NOV-JUL)	1.00	Depth to saturated zone (NOV-JUL)	1.00	Depth to saturated zone (NOV-JUL)	1.00
		Runoff limitation	0.40	Too acid	0.07	Too acid	0.07
GaD2: Gara-----	100	Too acid	0.02				
		Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited	
						Too steep for surface application	1.00
		Restricted permeability	0.30	Restricted permeability	0.22	Too steep for sprinkler application	0.78
GaE: Gara-----	100					Restricted permeability	0.22
		Very limited Slope	1.00	Very limited Slope	1.00	Very limited	
						Too steep for surface application	1.00
		Restricted permeability	0.30	Restricted permeability	0.22	Too steep for sprinkler application	1.00
GaE2: Gara-----	100					Restricted permeability	0.22
		Very limited Slope	1.00	Very limited Slope	1.00	Very limited	
						Too steep for surface application	1.00
		Restricted permeability	0.30	Restricted permeability	0.22	Too steep for sprinkler application	1.00
						Restricted permeability	0.22

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
GaF: Gara-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Too steep for sprinkler application	1.00
		Restricted permeability	0.30	Restricted permeability	0.22	Too steep for surface application Restricted permeability	1.00 0.22
GaF2: Gara-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Too steep for sprinkler application	1.00
		Restricted permeability	0.30	Restricted permeability	0.22	Too steep for surface application Restricted permeability	1.00 0.22
GrE3: Gara-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Too steep for surface application	1.00
		Restricted permeability	0.30	Restricted permeability	0.22	Too steep for sprinkler application Restricted permeability	1.00 0.22
GuB: Grundy-----	100	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00
		Depth to saturated zone (NOV-JUL)	0.95	Depth to saturated zone (NOV-JUL)	0.95	Depth to saturated zone (NOV-JUL) Too steep for surface application	0.95 0.08
GuC: Grundy-----	100	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00



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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
GuC2: Grundy-----	100	Depth to saturated zone (NOV-JUL)	0.95	Depth to saturated zone (NOV-JUL)	0.95	Depth to saturated zone (NOV-JUL)	0.95
						Too steep for surface application	0.92
						Too steep for sprinkler application	0.02
		Very limited		Very limited		Very limited	
		Restricted	1.00	Restricted	1.00	Restricted	1.00
		permeability		permeability		permeability	
		Depth to saturated zone (NOV-JUL)	0.95	Depth to saturated zone (NOV-JUL)	0.95	Depth to saturated zone (NOV-JUL)	0.95
						Too steep for surface application	0.92
						Too steep for sprinkler application	0.02
Ha: Haig-----	100	Very limited		Very limited		Very limited	
		Restricted	1.00	Depth to saturated zone (NOV-JUL)	1.00	Depth to saturated zone (NOV-JUL)	1.00
		permeability					
		Depth to saturated zone (NOV-JUL)	1.00	Restricted	1.00	Restricted	1.00
Hu: Humeston-----	100	Leaching limitation	0.50				
		Very limited		Very limited		Very limited	
		Restricted	1.00	Restricted	1.00	Restricted	1.00
		permeability		permeability		permeability	
		Depth to saturated zone (NOV-JUL)	1.00	Depth to saturated zone (NOV-JUL)	1.00	Depth to saturated zone (NOV-JUL)	1.00
		Flooding	0.60	Flooding	1.00	Flooding	0.60
		Leaching limitation	0.50	Too acid	0.07	Too acid	0.07
		Too acid	0.02				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
HuB: Humeston-----	100	Very limited		Very limited		Very limited	
		Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Depth to saturated zone (NOV-JUL)	1.00	Depth to saturated zone (NOV-JUL)	1.00	Depth to saturated zone (NOV-JUL)	1.00
		Flooding	0.60	Flooding	1.00	Flooding	0.60
		Leaching limitation	0.50	Too acid	0.07	Too steep for surface application	0.08
		Too acid	0.02			Too acid	0.07
KnB: Kniffin-----	100	Very limited		Very limited		Very limited	
		Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Depth to saturated zone (NOV-JUL)	0.43	Depth to saturated zone (NOV-JUL)	0.43	Depth to saturated zone (NOV-JUL)	0.43
		Too acid	0.08	Too acid	0.31	Too acid	0.31
						Too steep for surface application	0.08
KnC: Kniffin-----	100	Very limited		Very limited		Very limited	
		Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Depth to saturated zone (NOV-JUL)	0.43	Depth to saturated zone (NOV-JUL)	0.43	Too steep for surface application	0.92
		Too acid	0.08	Too acid	0.31	Depth to saturated zone (NOV-JUL)	0.43
						Too acid	0.31
KnC2: Kniffin-----	100	Very limited		Very limited		Very limited	
		Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Depth to saturated zone (NOV-JUL)	0.43	Depth to saturated zone (NOV-JUL)	0.43	Too steep for surface application	0.92

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
		Too acid	0.08	Too acid	0.31	Depth to saturated zone (NOV-JUL)	0.43
						Too acid	0.31
						Too steep for sprinkler application	0.02
LaC2: Lamoni-----	100	Very limited		Very limited		Very limited	
		Restricted	1.00	Restricted	1.00	Restricted	1.00
		permeability		permeability		permeability	
		Depth to	1.00	Depth to	1.00	Depth to	1.00
		saturated zone		saturated zone		saturated zone	
		(NOV-JUL)		(NOV-JUL)		(NOV-JUL)	
		Too acid	0.01	Too acid	0.01	Too steep for surface application	0.92
						Too steep for sprinkler application	0.02
						Too acid	0.01
LaD2: Lamoni-----	100	Very limited		Very limited		Very limited	
		Restricted	1.00	Restricted	1.00	Too steep for surface application	1.00
		permeability		permeability		application	
		Depth to	1.00	Depth to	1.00	Restricted	1.00
		saturated zone		saturated zone		permeability	
		(NOV-JUL)		(NOV-JUL)			
		Slope	0.63	Slope	0.63	Depth to saturated zone (NOV-JUL)	1.00
						Too steep for sprinkler application	0.78
		Too acid	0.01	Too acid	0.01	Too acid	0.01
LmD3: Lamoni-----	100	Very limited		Very limited		Very limited	
		Restricted	1.00	Restricted	1.00	Too steep for surface application	1.00
		permeability		permeability		application	
		Depth to	1.00	Depth to	1.00	Restricted	1.00
		saturated zone		saturated zone		permeability	
		(NOV-JUL)		(NOV-JUL)			

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ln: Lawson-----	55	Slope	0.63	Slope	0.63	Depth to saturated zone (NOV-JUL)	1.00
		Too acid	0.01	Too acid	0.01	Too steep for sprinkler application	0.78
						Too acid	0.01
		Very limited Depth to saturated zone (NOV-JUL)	1.00	Very limited Flooding	1.00	Very limited Depth to saturated zone (NOV-JUL)	1.00
Nodaway-----	35	Flooding	0.60	Depth to saturated zone (NOV-JUL)	1.00	Flooding	0.60
		Somewhat limited Flooding	0.60	Very limited Flooding	1.00	Somewhat limited Flooding	0.60
LoF2: Lindley-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Too steep for sprinkler application	1.00
		Restricted permeability	0.30	Too acid	0.31	Too steep for surface application	1.00
		Too acid	0.08	Restricted permeability	0.22	Too acid	0.31
						Restricted permeability	0.22
LvC: Lineville-----	100	Very limited		Very limited		Very limited	
		Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Depth to dense layer	1.00	Depth to saturated zone (NOV-JUL)	1.00	Depth to saturated zone (NOV-JUL)	1.00
		Depth to saturated zone (NOV-JUL)	1.00			Too steep for surface application	0.92
						Too steep for sprinkler application	0.02

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
LvC2: Lineville-----	100	Very limited Restricted permeability Depth to dense layer  Depth to saturated zone (NOV-JUL)	1.00  1.00  1.00	Very limited Restricted permeability Depth to saturated zone (NOV-JUL)	1.00  1.00	Very limited Restricted permeability Depth to saturated zone (NOV-JUL)  Too steep for surface application Too steep for sprinkler application	1.00  1.00  0.92  0.02
MyC2: Mystic-----	100	Very limited Restricted permeability Too acid	1.00  0.08	Very limited Restricted permeability Too acid	1.00  0.31	Very limited Restricted permeability Too steep for surface application Too acid Too steep for sprinkler application	1.00  0.92  0.31  0.02
OmB: Olmitz-----	100	Not limited		Not limited		Somewhat limited Too steep for surface application	0.08
OvB: Olmitz-----	35	Not limited		Not limited		Somewhat limited Too steep for surface application	0.08
Vesser-----	30	Very limited Depth to saturated zone (NOV-JUL) Flooding	1.00  0.60	Very limited Flooding  Depth to saturated zone (NOV-JUL)	1.00  1.00	Very limited Depth to saturated zone (NOV-JUL) Flooding	1.00  0.60

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
						Too steep for surface application	0.08
Colo-----	25	Very limited Depth to saturated zone (NOV-JUL)	1.00	Very limited Depth to saturated zone (NOV-JUL)	1.00	Very limited Depth to saturated zone (NOV-JUL)	1.00
						Too steep for surface application	0.08
PeC: Pershing-----	100	Very limited Restricted permeability Depth to saturated zone (NOV-JUL) Too acid	1.00 0.43 0.08	Very limited Restricted permeability Depth to saturated zone (NOV-JUL) Too acid	1.00 0.43 0.31	Very limited Restricted permeability Too steep for surface application Depth to saturated zone (NOV-JUL) Too acid Too steep for sprinkler application	1.00 0.92 0.43 0.31 0.02
PeC2: Pershing-----	100	Very limited Restricted permeability Depth to saturated zone (NOV-JUL) Too acid	1.00 0.43 0.08	Very limited Restricted permeability Depth to saturated zone (NOV-JUL) Too acid	1.00 0.43 0.31	Very limited Restricted permeability Too steep for surface application Depth to saturated zone (NOV-JUL) Too acid Too steep for sprinkler application	1.00 0.92 0.43 0.31 0.02
PhB: Pershing-----	100	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00

## Agricultural Waste Management

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## Wayne County, Iowa

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
PhC2: Pershing-----	100	Depth to saturated zone (NOV-JUL)	0.43	Depth to saturated zone (NOV-JUL)	0.43	Depth to saturated zone (NOV-JUL)	0.43
		Too acid	0.08	Too acid	0.31	Too acid	0.31
						Too steep for surface application	0.08
		Very limited		Very limited		Very limited	
		Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Depth to saturated zone (NOV-JUL)	0.43	Depth to saturated zone (NOV-JUL)	0.43	Too steep for surface application	0.92
		Too acid	0.08	Too acid	0.31	Depth to saturated zone (NOV-JUL)	0.43
						Too acid	0.31
						Too steep for sprinkler application	0.02
RaC: Rathbun-----	100	Very limited		Very limited		Very limited	
		Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Depth to saturated zone (NOV-JUL)	0.43	Depth to saturated zone (NOV-JUL)	0.43	Too steep for surface application	0.92
		Too acid	0.08	Too acid	0.31	Depth to saturated zone (NOV-JUL)	0.43
						Too acid	0.31
						Too steep for sprinkler application	0.02
RaC2: Rathbun-----	100	Very limited		Very limited		Very limited	
		Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Depth to saturated zone (NOV-JUL)	0.43	Depth to saturated zone (NOV-JUL)	0.43	Too steep for surface application	0.92
		Too acid	0.08	Too acid	0.31	Depth to saturated zone (NOV-JUL)	0.43

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## Wayne County, Iowa

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
						Too acid	0.31
						Too steep for sprinkler application	0.02
SeB: Seymour-----	100	Very limited		Very limited		Very limited	
		Restricted	1.00	Restricted	1.00	Restricted	1.00
		permeability		permeability		permeability	
		Depth to	0.43	Depth to	0.43	Depth to	0.43
		saturated zone		saturated zone		saturated zone	
		(NOV-JUL)		(NOV-JUL)		(NOV-JUL)	
						Too steep for	0.08
						surface application	
SfC: Seymour-----	100	Very limited		Very limited		Very limited	
		Restricted	1.00	Restricted	1.00	Restricted	1.00
		permeability		permeability		permeability	
		Depth to	0.43	Depth to	0.43	Too steep for	0.92
		saturated zone		saturated zone		surface application	
		(NOV-JUL)		(NOV-JUL)		Depth to	0.43
						saturated zone	
						(NOV-JUL)	
						Too steep for	0.02
						sprinkler application	
SfC2: Seymour-----	100	Very limited		Very limited		Very limited	
		Restricted	1.00	Restricted	1.00	Restricted	1.00
		permeability		permeability		permeability	
		Depth to	0.43	Depth to	0.43	Too steep for	0.92
		saturated zone		saturated zone		surface application	
		(NOV-JUL)		(NOV-JUL)		Depth to	0.43
						saturated zone	
						(NOV-JUL)	
						Too steep for	0.02
						sprinkler application	
ShD: Shelby-----	100	Somewhat limited		Somewhat limited		Very limited	



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## Wayne County, Iowa

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ShD2: Shelby-----	100	Slope	0.63	Slope	0.63	Too steep for surface application	1.00
		Restricted permeability	0.30	Restricted permeability	0.22	Too steep for sprinkler application	0.78
		Too acid	0.02	Too acid	0.07	Restricted permeability	0.22
						Too acid	0.07
		Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited	
						Too steep for surface application	1.00
		Restricted permeability	0.30	Restricted permeability	0.22	Too steep for sprinkler application	0.78
		Too acid	0.02	Too acid	0.07	Restricted permeability	0.22
						Too acid	0.07
		Very limited Slope	1.00	Very limited Slope	1.00	Very limited	
						Too steep for surface application	1.00
		Restricted permeability	0.30	Restricted permeability	0.22	Too steep for sprinkler application	1.00
ShE: Shelby-----	100	Too acid	0.02	Too acid	0.07	Restricted permeability	0.22
						Too acid	0.07
		Very limited Slope	1.00	Very limited Slope	1.00	Very limited	
						Too steep for surface application	1.00
		Restricted permeability	0.30	Restricted permeability	0.22	Too steep for sprinkler application	1.00
		Too acid	0.02	Too acid	0.07	Restricted permeability	0.22
						Too acid	0.07
		Very limited Slope	1.00	Very limited Slope	1.00	Very limited	
						Too steep for surface application	1.00
		Restricted permeability	0.30	Restricted permeability	0.22	Too steep for sprinkler application	1.00
		Too acid	0.02	Too acid	0.07	Restricted permeability	0.22
						Too acid	0.07
ShE2: Shelby-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited	
						Too steep for surface application	1.00
		Restricted permeability	0.30	Restricted permeability	0.22	Too steep for sprinkler application	1.00
		Too acid	0.02	Too acid	0.07	Restricted permeability	0.22
						Too acid	0.07
		Very limited Slope	1.00	Very limited Slope	1.00	Very limited	
						Too steep for surface application	1.00
		Restricted permeability	0.30	Restricted permeability	0.22	Too steep for sprinkler application	1.00
		Too acid	0.02	Too acid	0.07	Restricted permeability	0.22
						Too acid	0.07
		Very limited Slope	1.00	Very limited Slope	1.00	Very limited	
						Too steep for surface application	1.00
ShF2: Shelby-----	100	Restricted permeability	0.30	Restricted permeability	0.22	Too steep for sprinkler application	1.00
		Too acid	0.02	Too acid	0.07	Restricted permeability	0.22
						Too acid	0.07
		Very limited Slope	1.00	Very limited Slope	1.00	Very limited	
						Too steep for surface application	1.00
		Restricted permeability	0.30	Restricted permeability	0.22	Too steep for sprinkler application	1.00
		Too acid	0.02	Too acid	0.07	Restricted permeability	0.22
						Too acid	0.07
		Very limited Slope	1.00	Very limited Slope	1.00	Very limited	
						Too steep for surface application	1.00
		Restricted permeability	0.30	Restricted permeability	0.22	Too steep for sprinkler application	1.00
		Too acid	0.02	Too acid	0.07	Restricted permeability	0.22
						Too acid	0.07

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## Wayne County, Iowa

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
SoD3: Shelby-----	100	Slope	1.00	Slope	1.00	Too steep for sprinkler application	1.00
		Restricted permeability	0.30	Restricted permeability	0.22	Too steep for surface application	1.00
		Too acid	0.02	Too acid	0.07	Restricted permeability	0.22
						Too acid	0.07
		Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited	
						Too steep for surface application	1.00
		Restricted permeability	0.30	Restricted permeability	0.22	Too steep for sprinkler application	0.78
		Too acid	0.02	Too acid	0.07	Restricted permeability	0.22
						Too acid	0.07
		Very limited Slope	1.00	Very limited Slope	1.00	Very limited	
						Too steep for surface application	1.00
		Restricted permeability	0.30	Restricted permeability	0.22	Too steep for sprinkler application	1.00
SoE3: Shelby-----	100	Too acid	0.02	Too acid	0.07	Restricted permeability	0.22
						Too acid	0.07
		Very limited Slope	1.00	Very limited Slope	1.00	Very limited	
Ve: Vesser-----	95	Depth to saturated zone (NOV-JUL)	1.00	Flooding	1.00	Depth to saturated zone (NOV-JUL)	1.00
		Flooding	0.60	Depth to saturated zone (NOV-JUL)	1.00	Flooding	0.60
VeB: Vesser-----	95	Very limited Depth to saturated zone (NOV-JUL)	1.00	Very limited Flooding	1.00	Very limited Depth to saturated zone (NOV-JUL)	1.00

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## Wayne County, Iowa

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
		Flooding	0.60	Depth to saturated zone (NOV-JUL)	1.00	Flooding	0.60
						Too steep for surface application	0.08
W: Water-----	100	Not rated		Not rated		Not rated	
Wa: Wabash-----	95	Very limited		Very limited		Very limited	
		Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Depth to saturated zone (NOV-JUL)	1.00	Depth to saturated zone (NOV-JUL)	1.00	Depth to saturated zone (NOV-JUL)	1.00
		Ponding	1.00	Flooding	1.00	Ponding	1.00
		Flooding	0.60	Ponding	1.00	Flooding	0.60
		Runoff limitation	0.40				
Zo: Zook-----	100	Very limited		Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone (NOV-JUL)	1.00	Depth to saturated zone (NOV-JUL)	1.00
		Depth to saturated zone (NOV-JUL)	1.00	Flooding	1.00	Restricted permeability	1.00
		Flooding	0.60	Restricted permeability	1.00	Flooding	0.60

